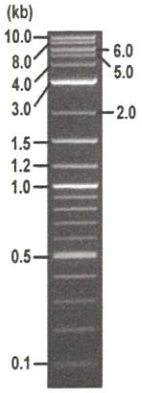
Gene Engineering Division
RIKEN BioResource Center

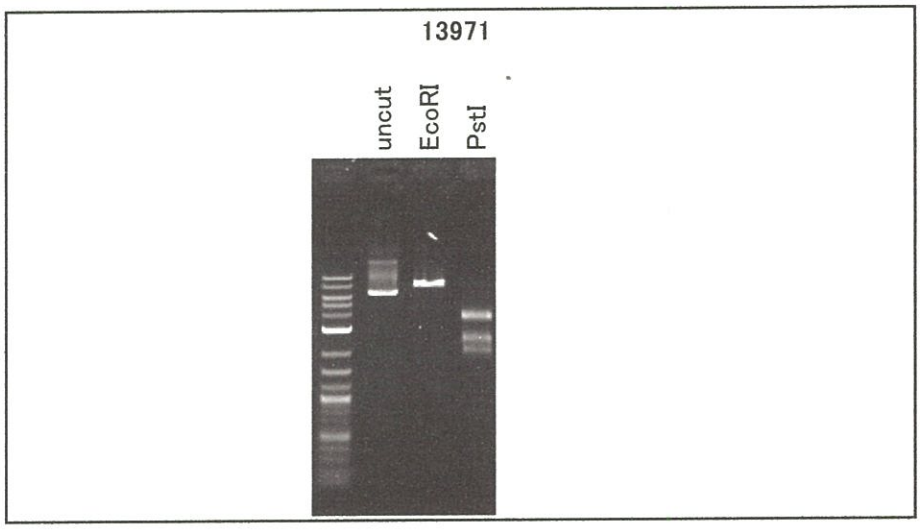
RIKEN DNA BANK

clone name : pCIneoLuc-PP1A

- Clone ID : RDB _ 13971
- Lot : 13971 _ A6Bt
- DNA Concentration : 25 nanogram/microliter
- Volume : 40 microliter
- Form : DNA solution in TE buffer
- Host : DH5 alpha
- Culture : LB medium
- Antibiotics : 100 microgram/ml Ampicillin
- Purification : QIAGEN QIAprep Spin Miniprep kit
- Digestion by restriction enzyme

2-Log DNA Ladder
(NEB#N3200L),
125 ng/well





Erectrophoresis : 88 nanogram DNA per lane ; 1% agarose gel , 1 x TAE Buffer

Restriction enzyme		Expected size of fragment	
EcoRI	:	8.1	kbp
PstI	:	3.7, 2.5, 2.0	kbp
	:		kbp
	:		kbp
	:		kbp

- Confirmation of the insertion sequence

Sequence name	Primer name	Sequence name	Primer name
Sequence - A	CMV-Forward	Sequence - E	-
Sequence - B	Luc-C_F	Sequence - F	-
Sequence - C	pAxCALNL_F1	Sequence - G	-
Sequence - D	SV40pro_F_V2	Sequence - H	-

APPROVED BY : 確認 16.4.01 金藤

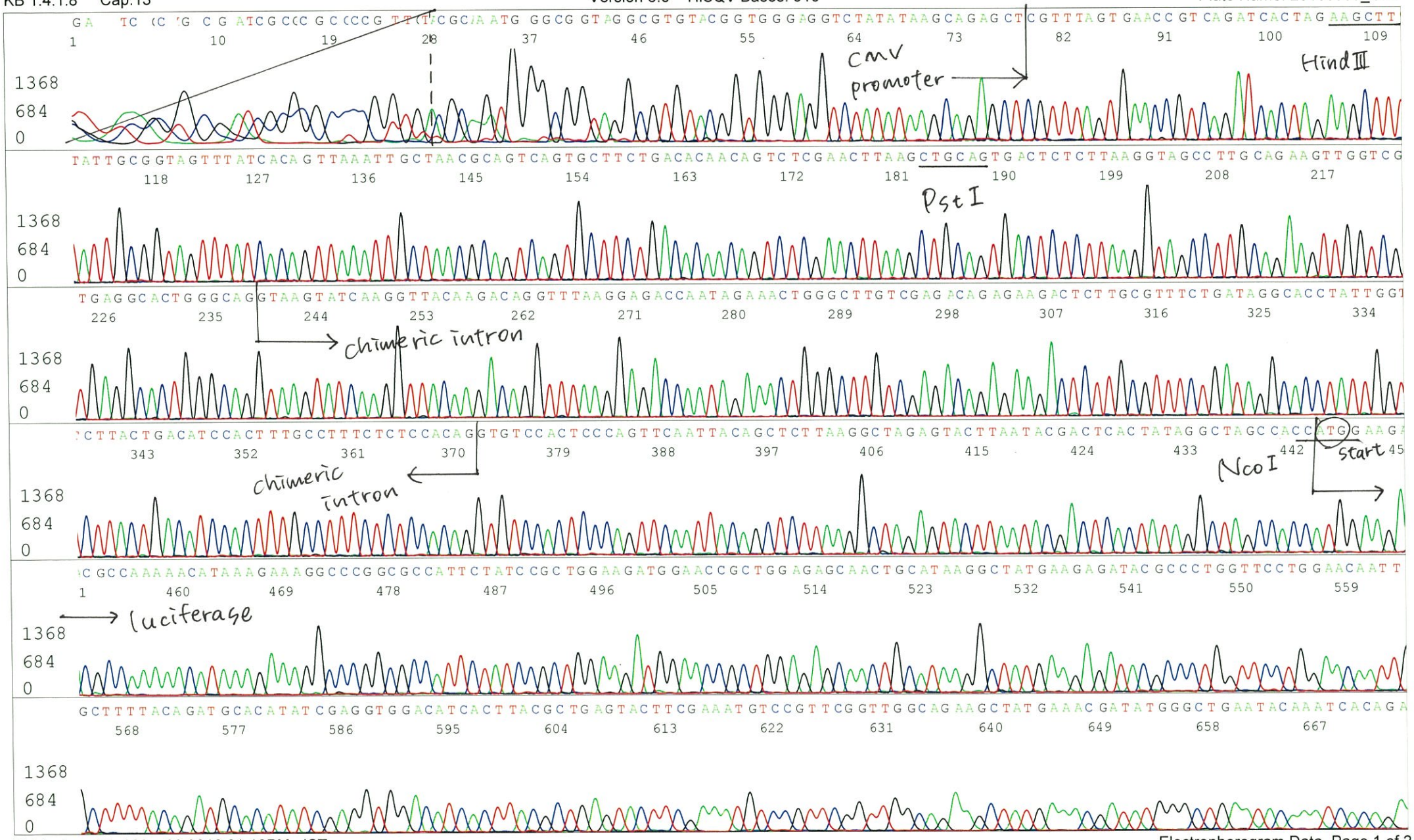
Applied Biosystems

D03116A5_A6Bt_2_CMV_Forward_E07_13
D03116A5_A6Bt_2_CMV_Forward
KB_3500_POP7_BDTv3.mob
Pts 1429 to 13304 Pk1 Loc:1406
Version 6.0 HiSQV Bases: 910

Inst Model/Name 3500/3500 Instrument
Mar 09,2016 10:45AM, JST
Mar 09,2016 11:11AM, JST
Spacing:11.9 Pts/Panel1350
Plate Name: 20160309_GNP

S/N G:849 A:1170 T:844 C:1163
KB.bcp
KB 1.4.1.8 Cap:13

primer name A : CMV-Forward
5'- GCACCAAAATCAACGGGACTT-3'



Applied Biosystems

S/N G:849 A:1170 T:844 C:1163
KB.bcp
KB 1.4.1.8 Cap:13

D03116A5_A6Bt_2_CMV_Forward_E07_13
D03116A5_A6Bt_2_CMV_Forward
KB_3500_POP7_BDTv3.mob
Pts 1429 to 13304 Pk1 Loc:1406
Version 6.0 HiSQV Bases: 910

Inst Model/Name 3500/3500 Instrument
Mar 09,2016 10:45AM, JST
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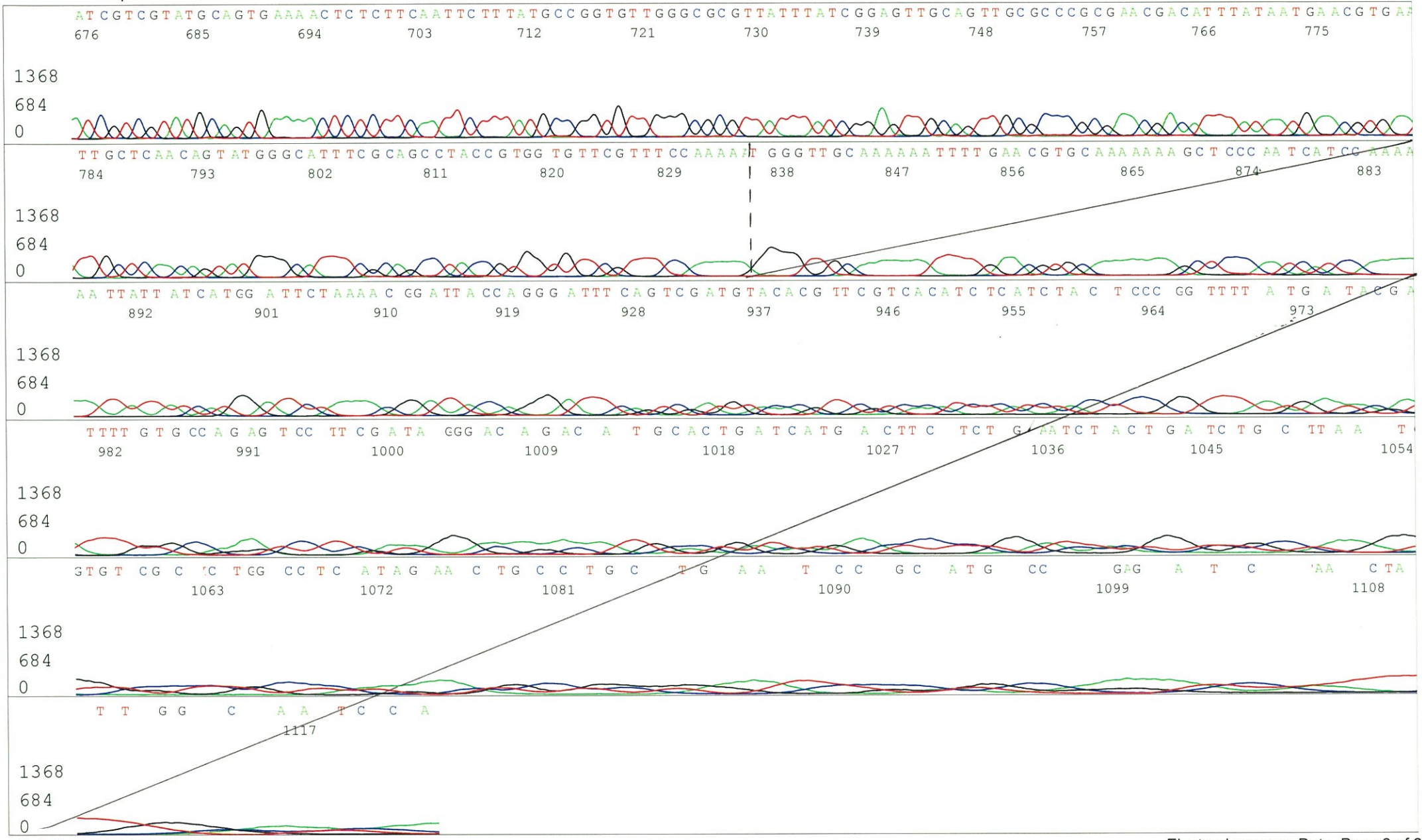
Plate Name: 20160309_GNP

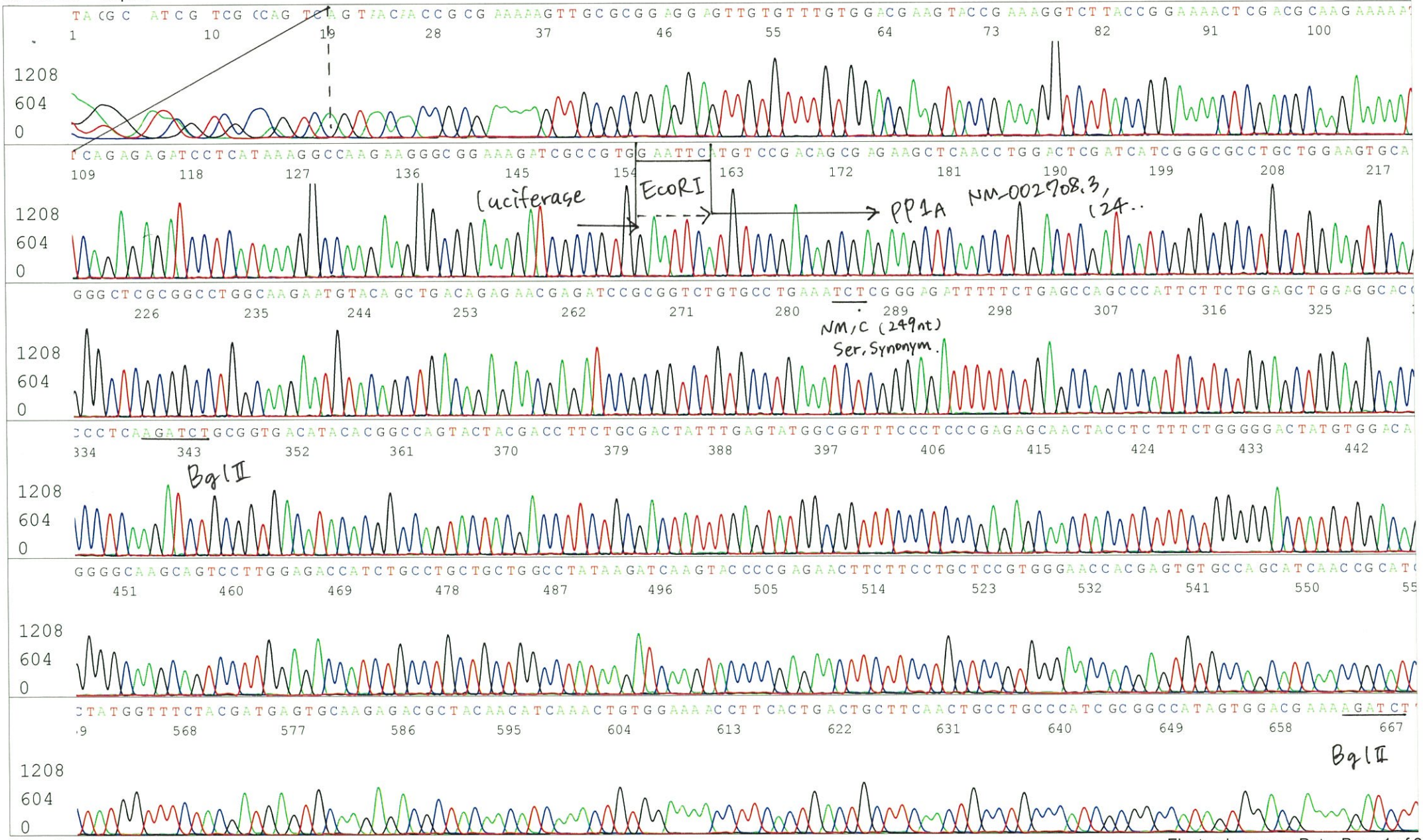


Applied Biosystems

S/N G:1002 A:1025 T:966 C:1230 primer name B : Luc-C_F
KB.bcp
KB 1.4.1.8 Cap:21
5'- AGCACGGAAAGACGATGACGG -3'

D03116A5_A6Bt_2_Luc-C_F_G12_21
D03116A5_A6Bt_2_Luc-C_F
KB_3500_POP7_BDTv3.mob
Pts 1443 to 12620 Pk1 Loc:1420
Version 6.0 HiSQV Bases: 946

Inst Model/Name 3500/3500 Instrument
Mar 24,2016 04:05PM, JST
Mar 24,2016 04:31PM, JST
Spacing:11.17 Pts/Panel1350
Plate Name: 20160324_dnabank



Applied Biosystems

S/N G:1002 A:1025 T:966 C:1230
KB.bcp
KB 1.4.1.8 Cap:21

D03116A5_A6Bt_2_Luc-C_F_G12_21
D03116A5_A6Bt_2_Luc-C_F
KB_3500_POP7_BDTv3.mob
Pts 1443 to 12620 Pk1 Loc:1420
Version 6.0 HiSQV Bases: 946

Inst Model/Name 3500/3500 Instrument
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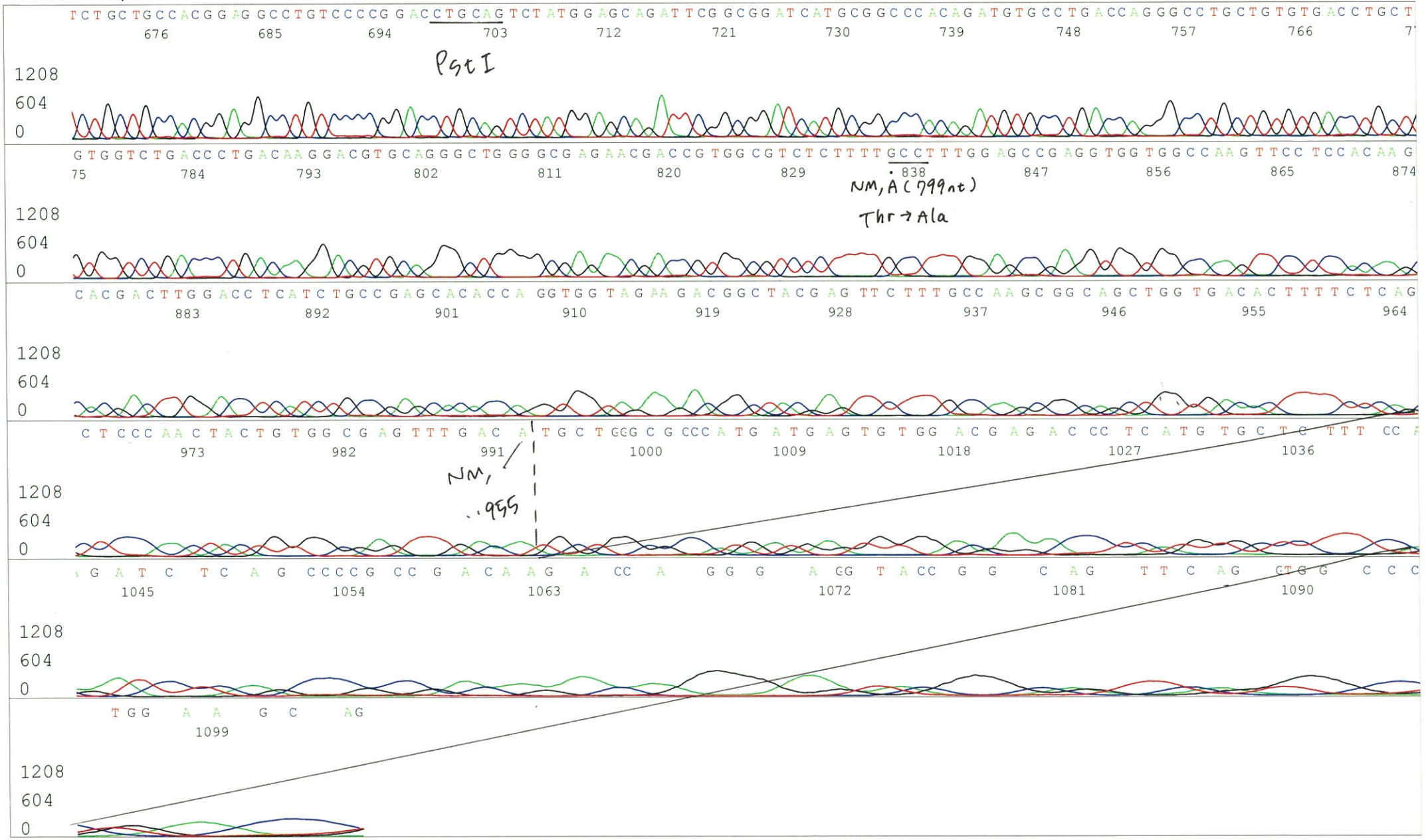
Mar 24,2016 04:31PM, JST
Spacing:11.17 Pts/Panel1350
Plate Name: 20160324_dnabank



Applied Biosystems

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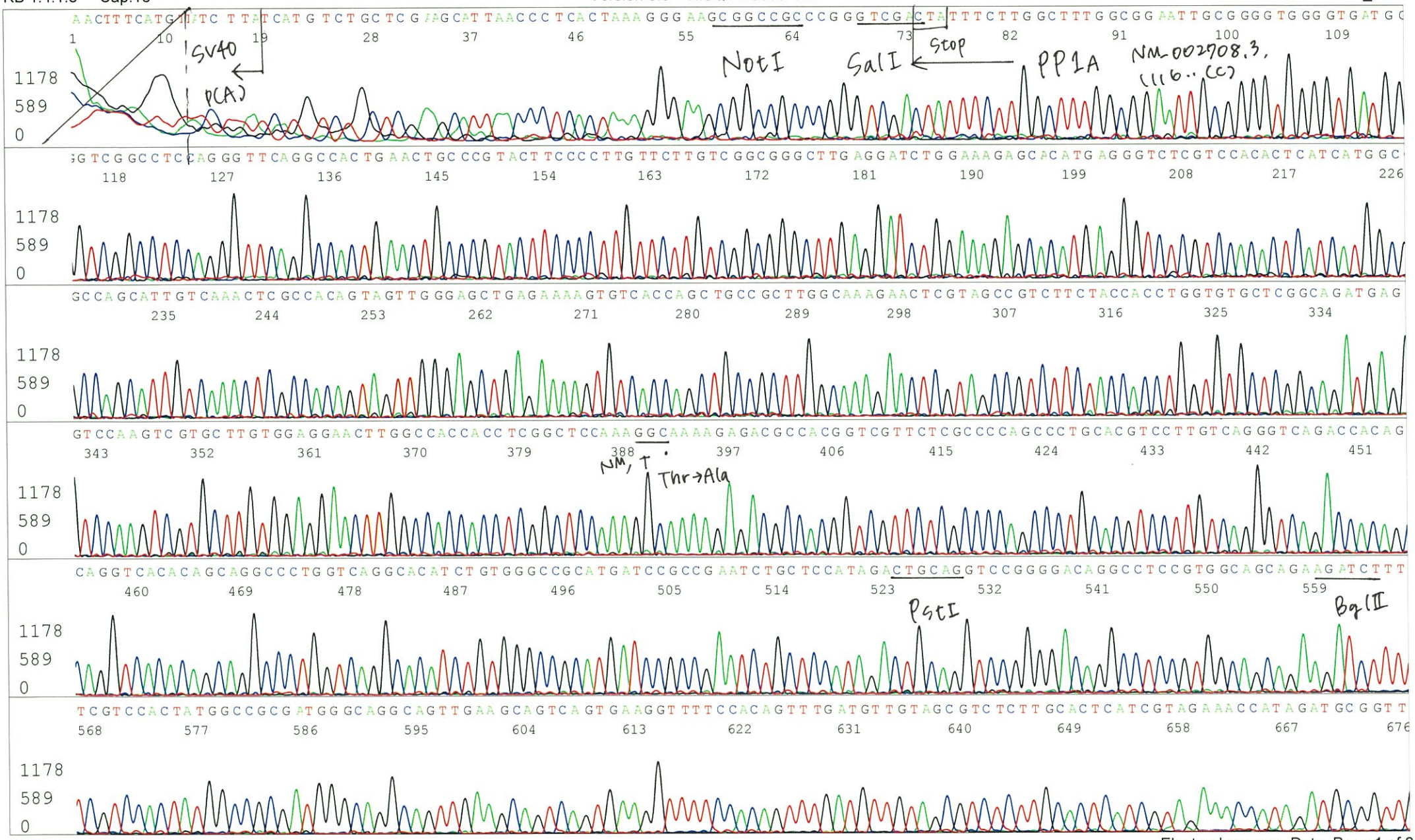
KB_3500_POP7_BDTv3.mob
Pts 1404 to 12832 Pk1 Loc:1381
Version 6.0 HiSQV Bases: 996

Inst Model/Name 3500/3500 Instrument
Mar 09,2016 10:45AM, JST
Mar 09,2016 11:11AM, JST
Spacing:11.47 Pts/Panel1350
Plate Name: 20160309_GNP

S/N G:69 A:71 T:60 C:91
KB.bcp
KB 1.4.1.8 Cap:16

primer name C : pAxCALNL_F1
5'- CACTGCATTCTAGTTGTGGTTTGTCC-3'



Applied Biosystems

S/N G:69 A:71 T:60 C:91
KB.bcp
KB 1.4.1.8 Cap:16

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D03116A5_A6Bt_2_pAxCALNL_F1
KB_3500_POP7_BDTv3.mob
Pts 1404 to 12832 Pk1 Loc:1381
Version 6.0 HiSQV Bases: 996

Inst Model/Name 3500/3500 Instrument
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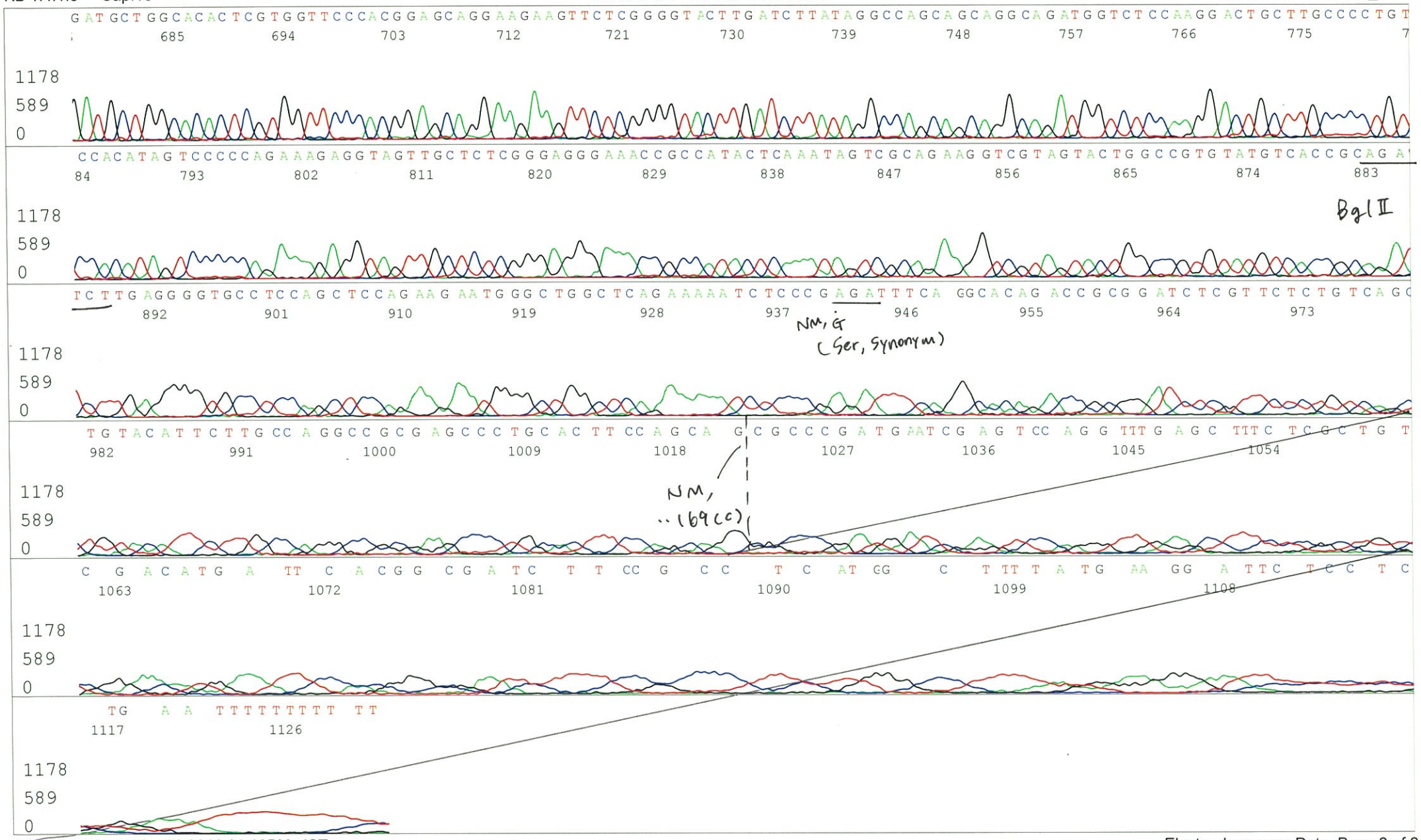
Mar 09,2016 11:11AM, JST
Spacing:11.47 Pts/Panel1350
Plate Name: 20160309_GNP



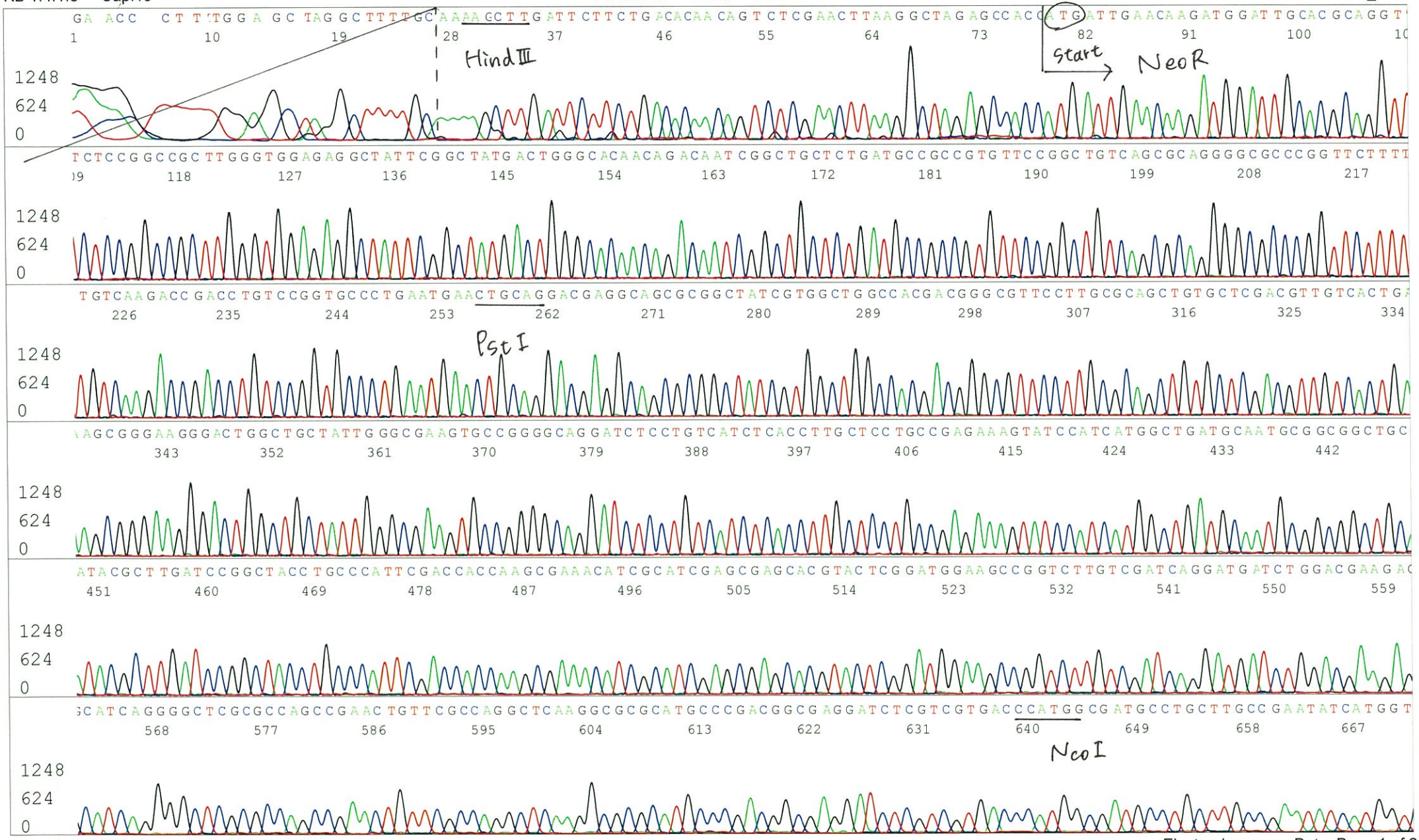
Applied Biosystems

S/N G:383 A:342 T:290 C:432
KB.bcp
KB 1.4.1.8 Cap:19

primer name D : SV40pro_F_V2
5'-TCGGCCTCTGAGCTATTC-3'

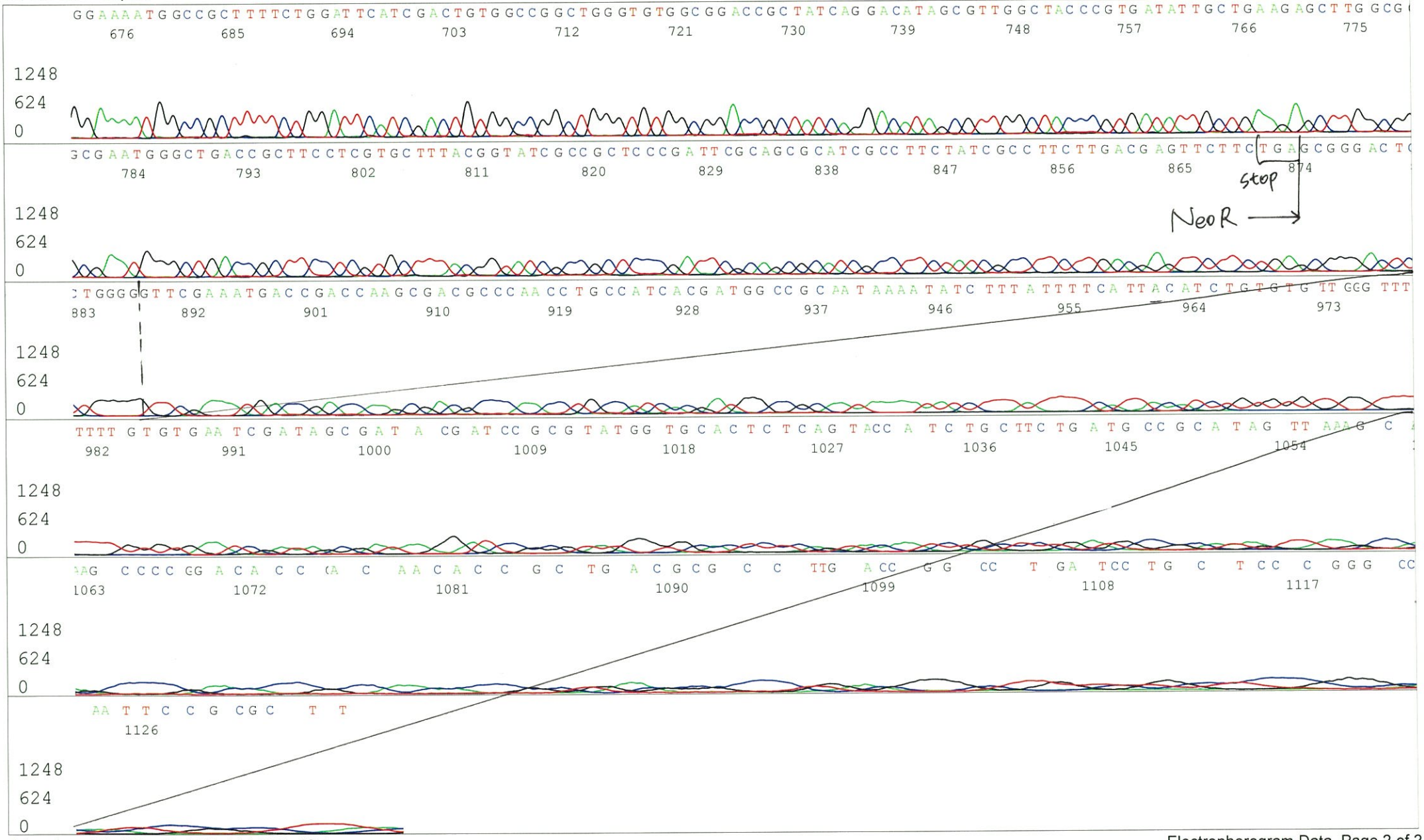
D03116A5_A6Bt_2_SV40pro_F_V2_G07_19
D03116A5_A6Bt_2_SV40pro_F_V2
KB_3500_POP7_BDTv3.mob
Pts 1401 to 12972 Pk1 Loc:1378
Version 6.0 HiSQV Bases: 984

Inst Model/Name 3500/3500 Instrument
Mar 09,2016 10:45AM, JST
Mar 09,2016 11:11AM, JST
Spacing:11.6 Pts/Panel1350
Plate Name: 20160309_GNP



Applied Biosystems

S/N G:383 A:342 T:290 C:432
KB.bcp
KB 1.4.1.8 Cap:19

D03116A5_A6Bt_2_SV40pro_F_V2_G07_19
D03116A5_A6Bt_2_SV40pro_F_V2
KB_3500_POP7_BDTv3.mob
Pts 1401 to 12972 Pk1 Loc:1378
Version 6.0 HiSQV Bases: 984

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Mar 09,2016 10:45AM, JST
Mar 09,2016 11:11AM, JST
Spacing:11.6 Pts/Panel1350
Plate Name: 20160309_GNP